

# Work Order ID 65998

Tuesday, February 01, 2011 11:35:50 AM



Page 1

Item ID: D206-746-043

Accept



Setup Start



Revision ID:

Item Name: Blower Motor Assembly

Stop



Start Date: 2/1/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 2/10/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

*[Signature]*

Date: 1/02-1

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

DSI9341

Rev C

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D206-746-043 CHG 001

*N/A*

110

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Change bearing - D3742-1 B Batch: B48562  
Assemble as per dwg DSI 9341  
Center punch set-screw, then drill as per dwg.  
Add locktite 26221 to fan set screw batch: M13436  
Secure using Lock Wire  
A/R MS20995-025E LOCK WIRE Batch: M118670

*M-1 11/02/28*

*PTC*

W/O: 65998		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
<del>110-8</del>	111	Operate San at 14 VDC for min 12 hours  Permanent Change	<del>JB</del> JB	11-02-17	1	<del>JB</del> JSCUR		
	112	Operate San at 28 VDC ensuring that the amp load does not exceed 8.7amps  Permanent Change	<del>JB</del> JB	11-02-17	1	<del>JB</del> JSCUR		

Part No: D206-746-043 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 65998**

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Page 2

Item ID: D206-746-043

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Start Date: 2/1/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 2/10/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

8/11/02/28

Memo

0.00

FC

130



Packaging

Packaging

Packaging

0.00

Memo

0.00

Identify and pack for shipping as per PPP D206-746-043

Location: 162

PPP Rev: \_\_\_\_\_

11/3/12

10

140



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

11/03/01

CZ 11/03/01

W/O:		WORK ORDER CHANGES					
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**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, February 01, 2011 11:35:56 AM

Page 1

Work Order ID: 65998

Parent Item: D206-746-043

Parent Item Name: Blower Motor Assembly





Start Date: 2/1/2011

Required Date: 2/10/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP rev A 06.08.21 New Issue EC  
IPP rev B 07.03.15 DSI 9341 Rev B KJ  
IPP Rev:C 08-02-12 change to rev.c DD verified by:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
26D71  Blower Motor		Purchased	No			110	Each	0.0000	1	1			
AN3-3A  Bolt		Purchased	No			110	Each	207.0000	6	6			
<div> <div>Location</div> <div>ST350</div> <div>116400 ✓</div> <div>116419 ✓</div> <div>116590</div> </div> <div> <div>Loc Qty</div> <div>207</div> <div>7</div> <div>150</div> <div>50</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> <div></div> </div>													
AN960-10  Washer	NAS1149F0363P	Purchased	No			110	Each	7,851.000	6	6			
<div> <div>Location</div> <div>ST348</div> <div>19356</div> <div>5519 ✓</div> </div> <div> <div>Loc Qty</div> <div>7851</div> <div>200</div> <div>7651</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> </div>													
D3471-041  Blower Motor Support		Manufactured	No			110	Each	0.0000	1	1			

M16766

IX m. 11/02/02

m. 11/02/02

6x

m. 11/02/02

6x

m. 11/02/02

IX

66037

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

Tuesday, February 01, 2011 11:35:56 AM

**Parent Item Name:** Blower Motor Assembly

**Required Date:** 2/10/2011

**Required Qty: 1.00**

### Blower Inlet Adapter

**Loc Code**

1

37114

1

2.0000

## Blower Motor Adapter

### Loc Code

2

45185

2

0,0000

### Blower Motor Inlet Adapter

99.0000

Set Screw

**Loc Code**

99

55705

99

2,0000

Bearing

**Loc Code**

2

48562

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries



# Picklist Print

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Work Order ID: 65998

Parent Item: D206-746-043

Parent Item Name: Blower Motor Assembly

Start Date: 2/1/2011

Required Date: 2/10/2011

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-04

Purchased

No

110

Each

260.0000

3

3



SCREW



m-l 11/02/22

Location

Loc Qty

Loc Code

ST290

260

109752 ✓

260

MS35333-38

Purchased

No

120

Each

84.0000

3

3



LOCK WASHER



3x  
m-l 11/02/22

Location

Loc Qty

Loc Code

ST295

84

107063 ✓

84

3x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-746 REV. A

REF. CANADIAN STC: SH05-45 ISSUE 1

FAA STC: SH3367NM DATED OCT. 13, 2005

SHOP COPY

RETURN TO

ENGINEERING

UNCONTROLLED COPY

SUBJECT TO AMENDMENT

WITHOUT NOTICE

WORK ORDER

NO. 65991

PH-11-02-1

The Parts List of Installation Instructions IIN-D206-746 Rev. A should be amended as follows:

Qty -011	Qty -041	Qty -043	Part Number	Description
X			D206-746-011	SHROUD AIRFLOW HEATER SYSTEM
1	X		D206-746-041	REAR OVERHEAD PASSENGER MODIFICATION KIT
1		X	D206-746-043	BLOWER MOTOR ASSEMBLY
		1	D3471-041	BLOWER MOTOR SUPPORT (CAM-1984-008)
		1	D3473-041	BLOWER INLET ADAPTER (CAM-1984-013)
		1	D3476-041	BLOWER MOTOR ADAPTER (CAM-1984-014)
		1	D3477-041	BLOWER MOTOR INLET ADAPTER (CAM-1984-015)
		2	D3585-1	SET SCREW
		2	D3742-1	BEARING
		A/R	26221	LOCTITE 226 THREADLOCKER
		1	26D71	BLOWER MOTOR (26D71-1)
		6	AN3-3A	BOLT
		6	AN960-10	WASHER
		3	MS27039-08-04	MACHINE SCREW
		3	MS35333-38	LOCK WASHER
		A/R	MS20995-025E	LOCK WIRE

Furthermore, any mention of "Blower Motor Assembly" appearing in Installation Instructions IIN-D206-746 Rev. A, and Installation Drawing D206-746 Rev. A, should be replaced by D206-746-043 Blower Motor Assembly.

For assembly instructions of D206-746-043 Blower Motor Assembly, refer to page 2 of this DSI.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: [Signature]  
D. SHEPHERD (DE # 02)

DATE: 08.01.20  
CERT. NO.: SH05-45  
ISSUE NO.: 1

C	ADD D3742-1 BEARING; UPDATE FORMAT	PH	08.01.20
B	ADD D3585-1 & DETAIL B	MB	07.01.02
A	NEW ISSUE	MB	06.08.09
REV.	DESCRIPTION		DATE
DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>PH</i>		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	<i>EE</i>	DSI 9341	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>BLOWER MOTOR ASSEMBLY</b>	NTS
DATE	08.01.20	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

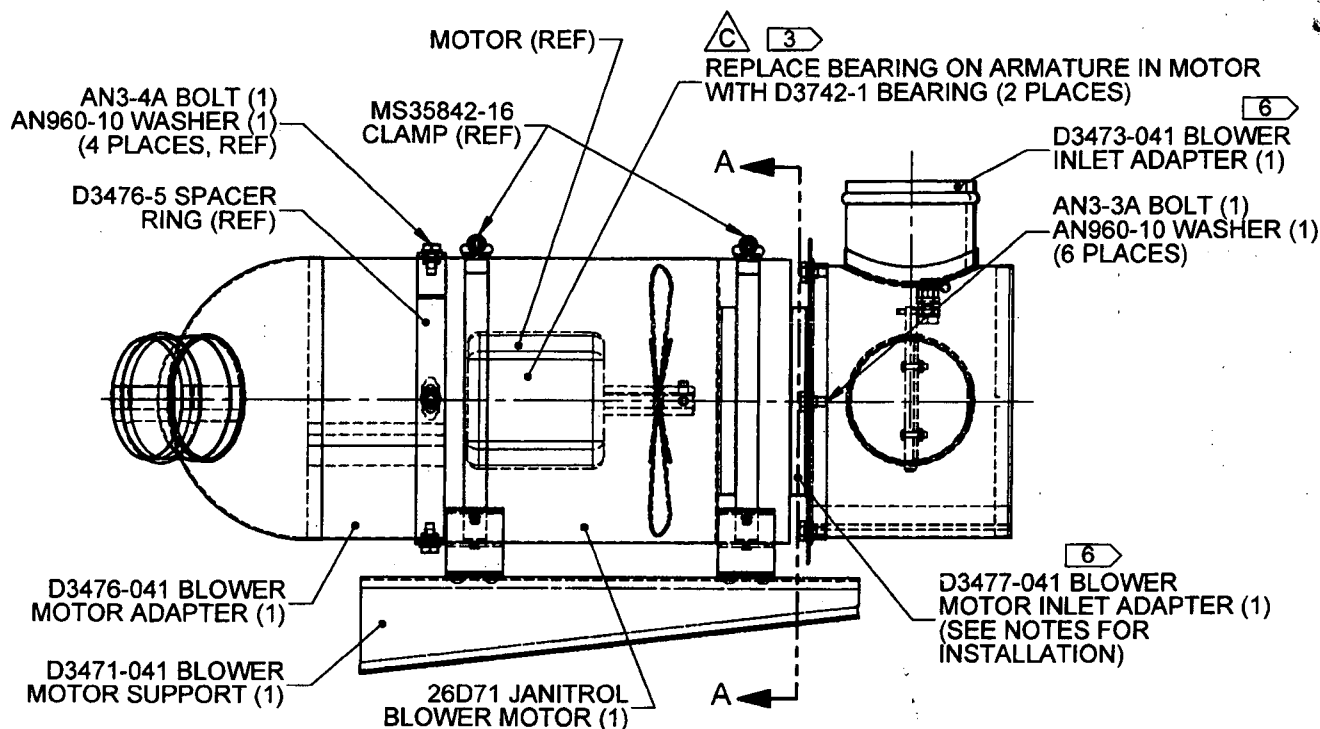
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

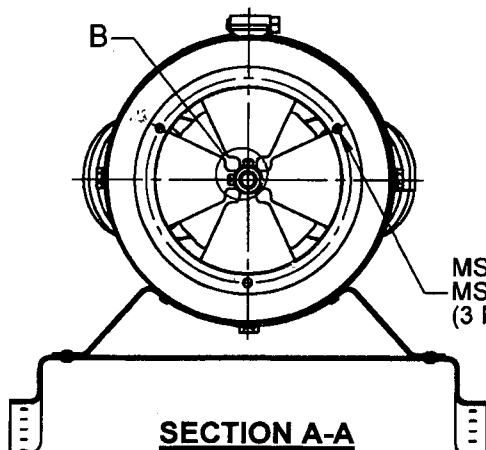
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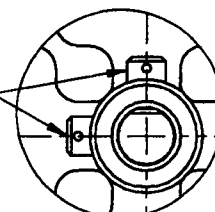
4/10 65998



### D206-746-043 BLOWER MOTOR ASSEMBLY



4  
REPLACE EXISTING SET SCREWS  
WITH D3585-1 SET SCREWS (2),  
APPLY LOCTITE 226, TORQUE TO  
50-70 in-lbs (5.6-7.9 N-m) AND SECURE  
USING MS20995-025E LOCK WIRE



DETAIL B  
SCALE 1:1

#### INSTALLATION NOTES:

- 1) ON 26D71 BLOWER MOTOR, REMOVE EXISTING MACHINE SCREWS (3), LOCK WASHERS (3) AND EXISTING ADAPTER (1).
- 2) REMOVE MOTOR AND RETAIN HARDWARE
- 3) REPLACE BEARINGS WITH D3742-1 BEARINGS (2 PLACES) C
- 4) REPLACE SET SCREWS WITH D3585-1 SET SCREWS (2 PLACES)
- 5) RE-INSTALL MOTOR WITH HARDWARE REMOVED AT STEP 2
- 6) REPLACE ADAPTER WITH D3477-041 BLOWER INLET ADAPTER. USE HARDWARE REMOVED AT STEP 1 TO SECURE D3473-041/D3477-041 BLOWER INLET ADAPTER TO 26D71 JANITROL BLOWER MOTOR.
- 7) D206-746-043 IS SUPPLIED TO CUSTOMER PRE-ASSEMBLED

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:

D. SHEPHERD (DE # 02)

DATE: 08.01.20

CERT. NO.: SH05-45

ISSUE NO.: 1

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN	PH	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	EE	DSI 9341	SHEET 2 OF 2
APPROVED	<del>PH</del>	TITLE	SCALE
DE APPR.	<del>PH</del>	<b>BLOWER MOTOR ASSEMBLY</b>	1:4
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